

In the Claims

1. (canceled)

2. (currently amended) A compound according to claim 11 wherein the anion X is phosphate, phosphonate, carbonate, bicarbonate, nitrate, chloride, bromide, iodide bisulfite, sulfite, bisulfate, sulfate, borate, formate, acetate, benzoate, citrate, oxalate, tartrate, acrylate, polyacrylate, fumarate, maleate, itaconate, glycolate, gluconate, malate, mandelate, tiglate, ascorbate, polymethacrylate, a carboxylate of nitrilotriacetic acid, hydroxyethylethylenediaminetriacetic acid, ethylenediaminetetraacetic acid or of diethylenetriaminepentaacetic acid, a diethylenediaminetetraacetic acid or of diethylenetriaminepentaacetic acid, an alkylsulfonate or an arylsulfonate.

3. (currently amended) A compound according to claim 11 wherein E is selected from oxyl, hydroxyl, C₁-C₁₈alkoxy; C₃-C₁₈alkoxy substituted by hydroxyl, oxo or carboxy or interrupted by oxygen or carboxy; C₅-C₁₂cycloalkoxy; C₃-C₁₂alkenyloxy; cyclohexenyloxy; aralkyl or aralkoxy of 7 to 15 carbon atoms; C₁-C₁₂acyl; R(C=O)O-, RO(C=O)O-, RN(C=O)O-, where R is C₁-C₁₈alkyl, phenyl, C₇-C₁₅phenylalkyl, cyclohexyl, C₂-C₃alkenyl.

4. (currently amended) A compound according to claim 11 of formula I, IA, II, IIA, IV, IVA, VII, VIIA, VIII[[,]]VIIIA, IX, IXA, or the reaction product XI or XIA.

5. (currently amended) A compound according to claim 4, wherein

~~k is 1 or 2~~[[;]]m is 2 or 3;

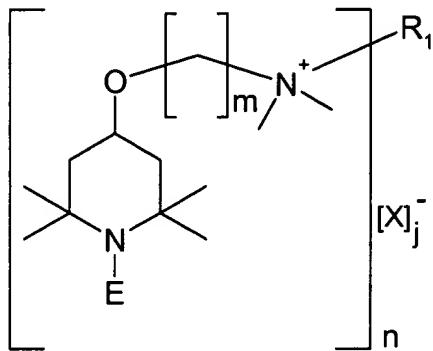
E is oxyl, hydroxyl, or C₁-C₈alkyl;

R₁, when n is 1, is H or C₁-C₈alkyl, or, when n is 2, is alkylene of 2-12 carbon atoms; and

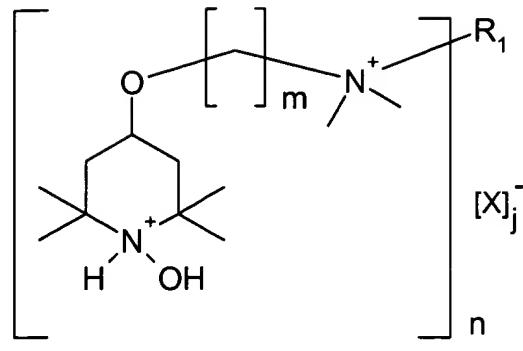
X is chloride, bromide or citrate.

6-10. (canceled)

11. (new) A compound of formula VIII or VIIIA



VIII



VIIIA

where

n is 1 or 2 and m ranges from 2 to 6;

E is oxyl, hydroxyl, hydrogen, alkyl, alkyl substituted by hydroxyl, by oxo or by carboxy, alkyl interrupted by oxygen, by $-\text{COO}-$ or by $-\text{OCO}-$, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, bicycloalkyl, alkoxy, alkoxy substituted by hydroxyl, by oxo or by carboxy, alkoxy interrupted by oxygen, by $-\text{COO}-$ or by $-\text{OCO}-$, cycloalkoxy, alkenyloxy, cycloalkenyloxy, aralkyl, aralkoxy, acyl, $\text{RCOO}-$, $\text{ROCOO}-$, $\text{RNCOO}-$ or chloro where R is an aliphatic or aromatic moiety,

when n is 1,

R_1 is hydrogen, alkyl of 1 to 18 carbon atoms, alkenyl of 2 to 18 carbon atoms, propargyl, glycidyl, alkyl of 2 to 50 carbon atoms interrupted by one to twenty oxygen atoms, alkyl of 2 to 50 carbon atoms substituted by one to ten hydroxyl groups or both interrupted by said oxygen atoms and substituted by said hydroxyl groups, or

R₁ is alkyl of 1 to 4 carbon atoms substituted by a carboxy group or by -COOZ where Z is hydrogen, alkyl of 1 to 4 carbon atoms or phenyl, or where Z is said alkyl substituted by -(COO⁻)_nMⁿ⁺ where n is 1-3 and M is a metal ion from the 1st, 2nd or 3rd group of the periodic table or is Zn, Cu, Ni or Co, or M is a group Nⁿ⁺(R₂)₄ where R₂ is hydrogen, alkyl of 1 to 8 carbon atoms or benzyl, or

when n is 2,

R₁ is alkylene of 1 to 12 carbon atoms, alkenylene of 4 to 12 carbon atoms, xylylene or alkylene of 1 to 50 carbon atoms interrupted by one to twenty oxygen atoms, substituted by one to ten hydroxyl groups or both interrupted by said oxygen atoms and substituted by said hydroxyl groups,

X is an inorganic or organic anion, where the index j equals the number of ammonium ions in the formula divided by the valency of X; and

the total charge of cations is equal to the total charge of anions.